

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120320\
 Data File : VL036054.D
 Acq On : 3 Dec 2020 16:13
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampled :
 ICVVL120320

Quant Time: Dec 03 16:53:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 03 14:59:53 2020
 QLast Update : Thu Dec 03 14:59:53 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	1.741	1.451	16.7	88	0.00
3	Chlorodifluoromethane	1.180	1.156	2.0	111	0.00
4	Chloromethane	0.577	0.582	-0.9	115	0.00
5 T	Vinyl Chloride	0.733	0.727	0.8	112	0.00
6 T	Bromomethane	0.577	0.581	-0.7	109	0.00
7	Chloroethane	0.263	0.275	-4.6	114	0.00
8 T	Dichlorotetrafluoroethane	2.053	1.975	3.8	105	0.00
9 T	Propene	0.412	0.440	-6.8	114	0.00
10 T	Heptane	1.124	1.245	-10.8	107	0.00
11 T	Trichlorofluoromethane	2.359	2.177	7.7	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.775	1.652	6.9	103	0.00
13	Ethanol	0.083	0.058	30.1#	89	0.00
14 T	Bromoethene	0.719	0.753	-4.7	111	0.00
15 T	Acetone	1.039	0.949	8.7	108	0.00
16 T	1,3-Butadiene	0.457	0.459	-0.4	109	0.00
17	tert-Butyl alcohol	1.139	1.355	-19.0	124	0.00
18 T	1,1-Dichloroethene	0.787	0.785	0.3	108	0.00
19 T	Isopropyl Alcohol	0.557	0.601	-7.9	125	0.00
20 T	Methylene Chloride	0.899	0.649	27.8	106	0.00
21 T	Allyl Chloride	0.554	0.611	-10.3	115	0.00
22 T	trans-1,2-Dichloroethene	0.782	0.778	0.5	104	0.00
23 T	Vinyl Acetate	1.227	1.422	-15.9	117	0.00
24 T	1,1-Dichloroethane	1.401	1.377	1.7	109	0.00
25 T	Ethyl Acetate	2.089	2.129	-1.9	110	0.00
26 T	Hexane	1.109	1.136	-2.4	111	0.00
27 T	Carbon Disulfide	1.616	1.738	-7.5	106	0.00
28 T	Methyl tert-Butyl Ether	1.654	1.904	-15.1	120	0.00
29 T	Chloroform	2.096	2.086	0.5	107	0.00
30 T	Cyclohexane	1.047	1.163	-11.1	112	0.00
31 T	cis-1,2-Dichloroethene	1.015	1.166	-14.9	116	0.00
32 T	1,1,1-Trichloroethane	1.922	1.995	-3.8	109	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
34 T	2-Butanone	0.343	0.360	-5.0	111	0.00
35 T	Carbon Tetrachloride	0.523	0.530	-1.3	105	0.00
36 T	Benzene	0.684	0.755	-10.4	114	0.00
37 T	1,2-Dichloroethane	0.355	0.362	-2.0	109	0.00
38 T	Trichloroethene	0.306	0.330	-7.8	107	0.00
39 T	1,2-Dichloropropane	0.262	0.265	-1.1	111	0.00
40 T	1,4-Dioxane	0.087	0.105	-20.7	118	0.00
41 T	Tetrahydrofuran	0.179	0.211	-17.9	115	0.00
42 T	Bromodichloromethane	0.561	0.605	-7.8	110	0.00
43	Methyl Methacrylate	0.249	0.308	-23.7	113	0.00
44 T	2,2,4-Trimethylpentane	1.014	1.035	-2.1	108	0.00
45 T	t-1,3-Dichloropropene	0.236	0.323	-36.9#	114	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.316	0.404	-27.8	113	0.00
47 T	1,1,2-Trichloroethane	0.328	0.337	-2.7	108	0.00
48 T	Dibromochloromethane	0.462	0.521	-12.8	106	0.00
49 T	Bromoform	0.343	0.414	-20.7	108	0.00
50 T	4-Methyl-2-Pentanone	0.521	0.561	-7.7	106	0.00
51 T	2-Hexanone	0.377	0.449	-19.1	107	0.00
52 T	Tetrachloroethene	0.265	0.296	-11.7	110	0.00
53 T	Toluene	0.745	0.885	-18.8	110	0.00
54 T	1,2-Dibromoethane	0.466	0.502	-7.7	109	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
56	1,1,1,2-Tetrachloroethane	0.408	0.408	0.0	106	0.00
57 T	Chlorobenzene	0.738	0.699	5.3	107	0.00
58 T	Ethyl Benzene	0.989	1.124	-13.7	108	0.00
59 T	m/p-Xylene	0.902	0.942	-4.4	105	0.00
60 T	o-Xylene	0.910	0.912	-0.2	103	0.00
61 T	Styrene	0.515	0.657	-27.6	108	0.00
62	Isopropylbenzene	1.351	1.342	0.7	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.763	0.647	15.2	103	0.00
64	n-propylbenzene	0.356	0.382	-7.3	105	0.00
65	tert-Butylbenzene	1.132	1.152	-1.8	104	0.00
66 T	Benzyl Chloride	0.273	0.340	-24.5	107	0.00
67	sec-Butylbenzene	1.547	1.545	0.1	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.735	3.8	103	0.00
69	p-Isopropyltoluene	1.168	1.245	-6.6	104	0.00
70	n-Butylbenzene	1.156	1.214	-5.0	103	0.00
71	2-Chlorotoluene	0.929	0.987	-6.2	104	0.00
72 T	4-Ethyltoluene	0.937	1.041	-11.1	105	0.00
73 T	1,3,5-Trimethylbenzene	0.878	0.938	-6.8	103	0.00
74 T	1,2,4-Trimethylbenzene	0.980	0.978	0.2	103	0.00
75 T	1,3-Dichlorobenzene	0.592	0.581	1.9	105	0.00
76 T	1,4-Dichlorobenzene	0.560	0.567	-1.2	107	0.00
77 T	1,2-Dichlorobenzene	0.543	0.535	1.5	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.299	0.299	0.0	109	0.00
79 T	Naphthalene	0.457	0.657	-43.8#	113	0.00
80 T	Naphthalene,2-methyl-	0.093	0.278	-198.9#	181#	0.00
81 T	1,2,4-Trichlorobenzene	0.314	0.384	-22.3	112	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0